

IN THE CLAIMS

Please amend the claims as follows:

Claims 1-2 (Cancelled)

3. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide encodes SEQ ID NO:1.
4. (Previously Presented) The method of claim 24, wherein the shaft region comprises amino acids 46-188 of SEQ ID NO:1.
5. (Previously Presented) The method of claim 24, wherein the knob region comprises amino acids 189-371 of SEQ ID NO:1.
6. (Previously Presented) The method of claim 24, wherein the tail region comprises amino acids 1-45 of SEQ ID NO:1.
7. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide comprises SEQ ID NO:12.
8. (Original) The method of claim 7, wherein the polynucleotide comprises nucleotides 1-564 of SEQ ID NO:12.
9. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide comprises nucleotides 1-135 of SEQ ID NO:12.
10. (Cancelled)
11. (Currently Amended) The method of claim 24 [[10]], wherein the polynucleotide comprises nucleotides 136-564 of SEQ ID NO:12.

12. (Previously Presented) The method of claim 24, wherein the tail region is an Ad5 tail region, the shaft region is an Ad30 shaft region comprising amino acids 46-188 of SEQ ID NO:1, and the knob region is an Ad30 knob region.
13. (Original) The method of claim 12, wherein the polynucleotide encoding the shaft region comprises nucleotides 136-564 of SEQ ID NO:12.

Claims 14-23 (Cancelled)

24. (Currently Amended) A method of transducing a cell lacking CAR comprising contacting the cell with an expression vector comprising an Ad backbone nucleic acid sequence and polynucleotide encoding a chimeric adenovirus (Ad) fiber polypeptide comprising at least one of the following: a tail region, a shaft region and a knob region, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide encodes SEQ ID NO:1, encodes amino acids 46-188 of SEQ ID NO:1, encodes amino acids 189-371 of SEQ ID NO:1, encodes amino acids 1-45 of SEQ ID NO:1, encodes SEQ ID NO:12, encodes nucleotides 1-564 of SEQ ID NO:12, encodes nucleotides 1-135 of SEQ ID NO:12, or encodes nucleotides 136-564 of SEQ ID NO:12.
25. (Previously Presented) The method of claim 24, wherein the expression vector further comprises a nucleotide sequence encoding a therapeutic agent.
26. (Previously Presented) The method of claim 24, wherein the polynucleotide encoding a chimeric Ad fiber polypeptide is operably linked to a polynucleotide encoding an amino acid sequence for a therapeutic agent.
27. (Previously Presented) The method of claim 24, wherein the cell is a neuronal or epithelial cell.
28. (Previously Presented) The method of claim 27, wherein the cell is a human umbilical vein epithelial cell (HUVEC).

- 29. (Previously Presented) The method of claim 24, wherein the cell is a tumor cell.
- 30. (Previously Presented) The method of claim 29, wherein the tumor cell is from prostate, brain, breast, lung, spleen, kidney, heart, or liver.
- 31. (Previously Presented) The method of claim 24, wherein the cell is a neuroprogenitor or stem cell.

Claim 32 (Cancelled)